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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/938,363	08/24/2001	Jung-Hoon Bac	5006-1-005	1588
7590	09/30/2004		EXAMINER	
Steve Cha Esq CHA & REITER 411 Hackensack Avenue 9th Floor Hackensack, NJ 07601			HOLMES, MICHAEL B	
			ART UNIT	PAPER NUMBER
			2121	
DATE MAILED: 09/30/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	09/938,363	BAE, JUNG-HOON
	<b>Examiner</b>	<b>Art Unit</b>
	Michael B. Holmes	2121

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE (3) MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 28 August 2001.
- 2a) This action is **FINAL**.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) 11-22 is/are allowed.
- 6) Claim(s) 1 is/are rejected.
- 7) Claim(s) 9-10 is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 28 August 2001 is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \* c) None of:
  1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. 09/938,363.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                    | Paper No(s)/Mail Date: _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date: _____ | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
|   | 6) <input type="checkbox"/> Other: _____                                    |



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### Examiner's Detailed Office Action

1. This Office Action is responsive to application **09/938,363**, filed **August 28, 2001**.
2. **Claims 1-22** have been examined.

### Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

**(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.**

4. Claims 1 is rejected under 35 U.S.C. 103(a) as being unpatentable over *Guy et al.* (USPN 5,833,468) further in view of *Wheeler et al* USPN 6,789,189).

Regarding claim 1. *Guy et al.* describes a multimedia electronic education system (C 1, L 60-67; FIG. 5, C 3, L 37-43), comprising: a plurality of client devices (FIG 1); a recording server for recording a real-time lecture, for automatically converting said recorded lecture into a format capable of being used for a non-real-time remote program, and for storing said converted lecture

(FIG 1, C 2, L 59 to C 3, L 30); an MDBM (Multimedia Data Broadcasting Module) server for connecting said plurality of client devices to each other and for broadcasting data to be transferred during said real-time lecture to all said client devices and said recording server (FIG 1, C 2, L 59 to C 3, L 17 & FIG. 3, C 4, L 5-28). *Guy et al.* does not describe a management server for transmitting lecture notes to said client devices and said recording server and for performing user authentication. However, *Wheeler et al.* does describe a management server for (C 38, L 42-50, *Examiner contends the management server is capable of transmitting lecture notes*) transmitting lecture notes to said client devices and said recording server and for performing user authentication. (C 2, L 23-33, *Examiner contends, the text conveys the capability to authenticate an electronic communication ("EC") of any communication electronic form.*) It would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matters to combine *Guy et al.* with *Wheeler et al.* because electronic communication ("EC") has become an integral part of transacting business today, especially with the growth of the Internet and e-commerce. (C 1, L 39-41)

### Claim Objection

5. Claims 2-10 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

## Allowable Subject Matter

6. The prior art mentioned above does not teach or render obvious the limitations embodied in claim 11 and claim 20. According, the primary reason(s) for allowance is:

*claim 11 “ ... preparing an event list while counting the lecture time; if a lecturer's voice is inputted, generating a voice file together with information on said counted lecture time; upon the input of an event, storing start or end time and type of said event in said event list; and,*

*synchronizing said voice file with events registered in said event list according to the information on said lecture time and for separately or integrally storing said voice file and said events.“ and*

*claim 20 “ ... generating an event data structure in said time table array corresponding to periods of said event's existence according to said start and end times of all said events, storing the addresses of said event data structure in said time table array, generating a start and end event array in said event data structure, and storing relevant start and end event addresses in said start and end event array; and, if there are said addresses of said event data structure in said time table array corresponding to said lecture time while increasing said lecture time,*

*loading an event of relevant start and end event addresses stored in said start event array and said end event array in said event data structure, and starting or ending said event.“.*

## Conclusion

7. The prior art made of record and (listed of form PTO-892) not relied upon is considered pertinent to applicant's disclosure as follows. Applicant or applicant's representative is respectfully reminded that in process of patent prosecution i.e., amending of claims in response to a rejection of claims set forth by the Examiner per Title 35 U.S.C. The patentable novelty must be

clearly shown in view of the state of the art disclosed by the references cited and any objections made. Moreover, applicant or applicant's representative must clearly show how the amendments avoid or overcome such references and objections. *See 37 CFR § 1.111(c).*

## Correspondence Information

8. Any inquiries concerning this communication or earlier communications from the examiner should be directed to **Michael B. Holmes** who may be reached via telephone at **(703) 308-6280**. The examiner can normally be reached Monday through Friday between 8:00 a.m. and 5:00 p.m. eastern standard time.

If you need to send the Examiner, a facsimile transmission regarding After Final issues, please send it to **(703) 746-7238**. If you need to send an Official facsimile transmission, please send it to **(703) 746-7239**. If you would like to send a Non-Official (draft) facsimile transmission the fax is **(703) 746-7240**. If any attempts to reach the examiner by telephone are unsuccessful, the **Examiner's Supervisor, Anthony Knight**, may be reached at **(703) 308-3179**.

Any response to this office action should be mailed too:

**Director of Patents and Trademarks Washington, D.C. 20231.** Hand-delivered responses should be delivered to the Receptionist, located on the fourth floor of **Crystal Park II, 2121 Crystal Drive Arlington, Virginia.**

  
Anthony Knight  
Supervisory Patent Examiner  
Group 3600

***Michael B. Holmes***  
Patent Examiner  
Artificial Intelligence  
Art Unit 2121  
United States Department of Commerce  
Patent & Trademark Office